

# **McGRAW-HILL DICTIONARY OF SCIENTIFIC AND TECHNICAL TERMS**

## **Fifth Edition**

**Sybil P. Parker**

**Editor in Chief**

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between them, permitting direct measurement of free-space wavelength. [OPTICS] A beam resonator that consists of a pair of spherical mirrors which have the same axis of rotational symmetry and are positioned so that their focal points coincide on this axis. {kän'fō-kəl'rez-ən,äd-ər }

**conformability** [MET] The ability of a metal that has been cast as a bearing surface to deform plastically to compensate for irregularities in bearing assembly. {kən'fɔrmə'bil-əd-ē}

**conformable** [GEOL] 1. Pertaining to the contact of an intrusive body when it is aligned with the internal structures of the intrusion. 2. Referring to strata in which layers are formed above one another in an unbroken, parallel order. {kən'fɔrmə-bəl }

**conformable matrices** [MATH] Two matrices which can be multiplied together; this is possible if and only if the number of columns in the first matrix equals the number of rows in the second. {kən'fɔrmə-bəl'mā-trə,sēz }

**conformable optical mask** [ELECTR] An optical mask made on a flexible glass substrate so that it can be pulled down under vacuum into intimate contact with the substrate for accurate circuit fabrication. {kən'fɔrmə-bəl'äptə-kəl'mask }

**conformal array** [ELECTR] A circular, cylindrical, hemispherical, or other shaped array of electronically switched antennas; provides the special radiation patterns required for TACAN, IFF, and other air navigation, radar, and missile control applications. {kən'fɔrmələr'rā }

**conformal chart** [MAP] A chart on a conformal map projection. {kən'fɔrməl'chärt }

**conformal diagram** See Penrose diagram. {kən'fɔrməl'dī-ə,gram }

**conformality** [MAP] The retention of angular relationships at each point on a map projection. {kən'fər'mal-əd-ē}

**conformal mapping** [MATH] An angle-preserving analytic function of a complex variable. {kən'fɔrməl'map-in }

**conformal map projection** [MAP] A map projection on which the shape of any small area of the surface mapped is preserved unchanged. Also known as orthomorphic map projection. {kən'fɔrməl'map prə'jek-shən }

**conformal reflection chart** [ELECTROMAG] An Argand diagram for plotting the complex reflection coefficient of a waveguide junction and its image, the two being related by a conformal transformation. {kən'fɔrməlri'flek-shən, chärt }

**conformation** [ORG CHEM] In a molecule, a specific orientation of the atoms that varies from other possible orientations by rotation or rotations about single bonds; generally in mobile equilibrium with other conformations of the same structure. Also known as conformational isomer; conformer. {kän-fər'mā-shən }

**conformational analysis** [PHYS CHEM] The determination of the arrangement in space of the constituent atoms of a molecule that may rotate about a single bond. {kän-fər'mā-shən-ələ'nal-səs }

**conformational isomer** See conformation. {kän-fər'mā-shən-əl'i-sə-mər }

**conformer** See conformation. {kən'fɔrmər }

**conformity** [GEOL] The shared and undisturbed correspon-

darscopes, consisting of strips paper, such as chaff or window or submultiples of enemy radar confusion reflector. {kən-}

**conge** [FOOD ENG] A machi sweet chocolate are worked to paste. { 'kän,jä }

**congelifluction** See gelifluction

**congelifraction** [GEOL] The rocks as the result of the freezing known as frost bursting; frost rating; frost weathering; frost we {kən'jel-ə-frak-shən }

**congeliturbate** [GEOL] Soil has been moved or disturbed b bət }

**congeliturbation** [GEOL] The a result of repeated cycles of f frost heaving and surface sub known as cryoturbation; frost c bation. {kən'jel-ə-tər'bā-shən }

**congener** [CHEM] A chemic another substance, such as a de element belonging to the same fa periodic table. { 'kän-jə-nər }

**congeneric** [SYST] Referring t {kän:jə'nerik }

**congenital** [MED] Dating fr {kən'jen-əd-əl }

**congenital agammaglobulin deficiency** (in serum) of immunoglo by increased susceptibility to bac linked recessive tract, affecting both sexes. {kən'jen-mē-ə }

**congenital anomaly** [MED] A mality of the human body that known as birth defect. {kən'jer }

**congenital disease** [MED] Any is present at birth. {kən'jen-əd-ə }

**congenital pathology** [MED] ffects existing at birth. {kən'jen- }

**congestin** [BIOCHEM] A toxin p ones. {kən'jes-tən }

**congestion** [MED] An abnormally blood, but occasionally bile o an organ or part. {kən'jes-chən }

**congestive heart failure** [MED] congestion exists as a result of hea ,fāl-yər }

**conging process** [FOOD ENG] working a ground mixture of choc butter with additional cocoa butte s }

**conglomerate** [GEOL] Cemen water-worn rock or pebbles, bound